

080410-2

MODEL: DX2000-LCD

# DigiSender® Plug'n'Go™ LCD

5.8GHz Single Input 'Plug Style' Wireless AV Sender



**WATCH A VIDEO  
INSTALLATION  
& TROUBLESHOOTING GUIDE**

Available online at: [www.aei.eu/video](http://www.aei.eu/video)

IMPORTANT: ALWAYS KEEP THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE

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## Introduction

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Congratulations on purchasing the DigiSender® Plug'n'Go™ LCD - 5.8GHz Single Input 'Plug Style' Wireless AV Sender. This product represents state of the art wireless audio and video technology at exceptional value for money.

You can now enjoy DVD quality video and Hi-Fi stereo sound from your Satellite, Cable, Freeview, DVD or VCR in another room in your home.

*Benefit from Compact and Discrete Transmitter and Receiver units, 4 Audio/Video Channels and unsurpassed ease of use with the new DigiSender® Plug'n'Go™ LCD!*



## Step 1: Unpack Your DigiSender® Plug'n'Go™ LCD

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All DigiSender® orders are computer weight checked when packed. However, it is a good idea to check all kit contents are present before proceeding with the installation.



DX2000-LCD Transmitter

1. Transmitter Unit
2. Pre-Wired IR Emitter
3. DigiConnector™ SCART Input

DX2000-LCD Receiver

4. Receiver Unit
5. Pre-Wired IR Sensor
6. SCART Output

## Step 2: Install the Transmitter

The DX2000-LCD Transmitter will send the audio and video from a connected source (your Satellite receiver for example) to the DX2000-LCD Receiver, located in another room in your home.



1. Connect the DigiConnector™ to your Satellite, Cable or Freeview box. Use the SCART socket labelled 'TV' or 'OUT'. *Connect any existing SCART lead into the rear of the DigiConnector™.*



2. Connect the Transmitter into a Mains Extension Lead. *The positioning of the Transmitter can affect the picture quality so being able to move it is an advantage.*



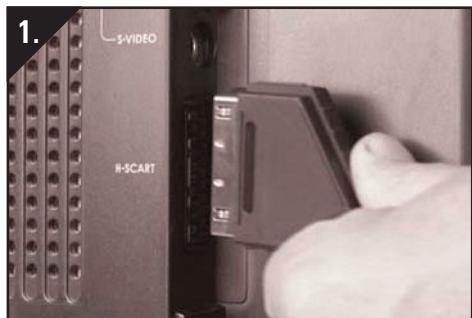
3. Press and hold the power button for 5 seconds to turn the Transmitter on. *Pressing the button again cycles through the 4 available channels. Make sure it is set to channel 1.*



4. Position the IR Emitter in front of your Satellite, Cable or Freeview box with the lens facing the equipment's IR sensor.

## Step 3: Install the Receiver

The DX2000-LCD Receiver will pick up the signals being sent by your DX2000-LCD Transmitter and output them to a connected TV.



Locate a vacant SCART socket on the back of your receiving TV and insert the DigiSender® SCART cable.



Connect the Receiver into a Mains Extension Lead. *The positioning of the Receiver can affect the picture quality so being able to move it is an advantage.*



Press and hold the power button for 5 seconds to turn the Receiver on. *Pressing the button again cycles through the 4 available channels. Make sure it is set to channel 1.*

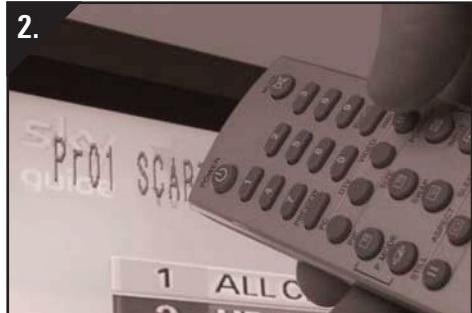


Position the IR Sensor on the top, side or bottom of your receiving TV with the lens facing out into the room.

## Step 4: Using the DigiSender® Plug'n'Go™ LCD



Switch on the source equipment (*Satellite, Cable, Freeview, DVD, VCR, etc.*).



On the receiving TV, select the SCART channel assigned to the SCART socket that you plugged the DX2000-LCD Receiver in to. *This may be labelled as SCART, AUX, AV, VIDEO, VCR or* 



When controlling your Satellite, Cable or Free-view box, point the remote control at the IR Sensor in the receiving location. Ensure you are using the correct remote control for the source device.

# Using the DigiSender® Plug'n'Go™ LCD

## Advanced Functions

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### Changing the Audio/Video Channel

The DigiSender® Plug'n'Go™ LCD features 4 Audio/Video Channels. Each of these Audio/Video Channels slightly changes the frequency on which the DigiSender® Plug'n'Go™ LCD operates. Because the Audio/Video Channel switch allows you to 'fine tune' the frequency on which your DigiSender® Plug'n'Go™ LCD operates, it is possible to overcome most interference and reception troubles that may occur.

To change the Audio/Video Channel on your DigiSender® Plug'n'Go™ LCD, simply press the button to cycle through the 4 available channels.

*For your DigiSender® Plug'n'Go™ LCD to function correctly it is very important that the Audio/Video Channel settings are the same on both the Transmitter and Receiver.*

## Upgrades & Accessories

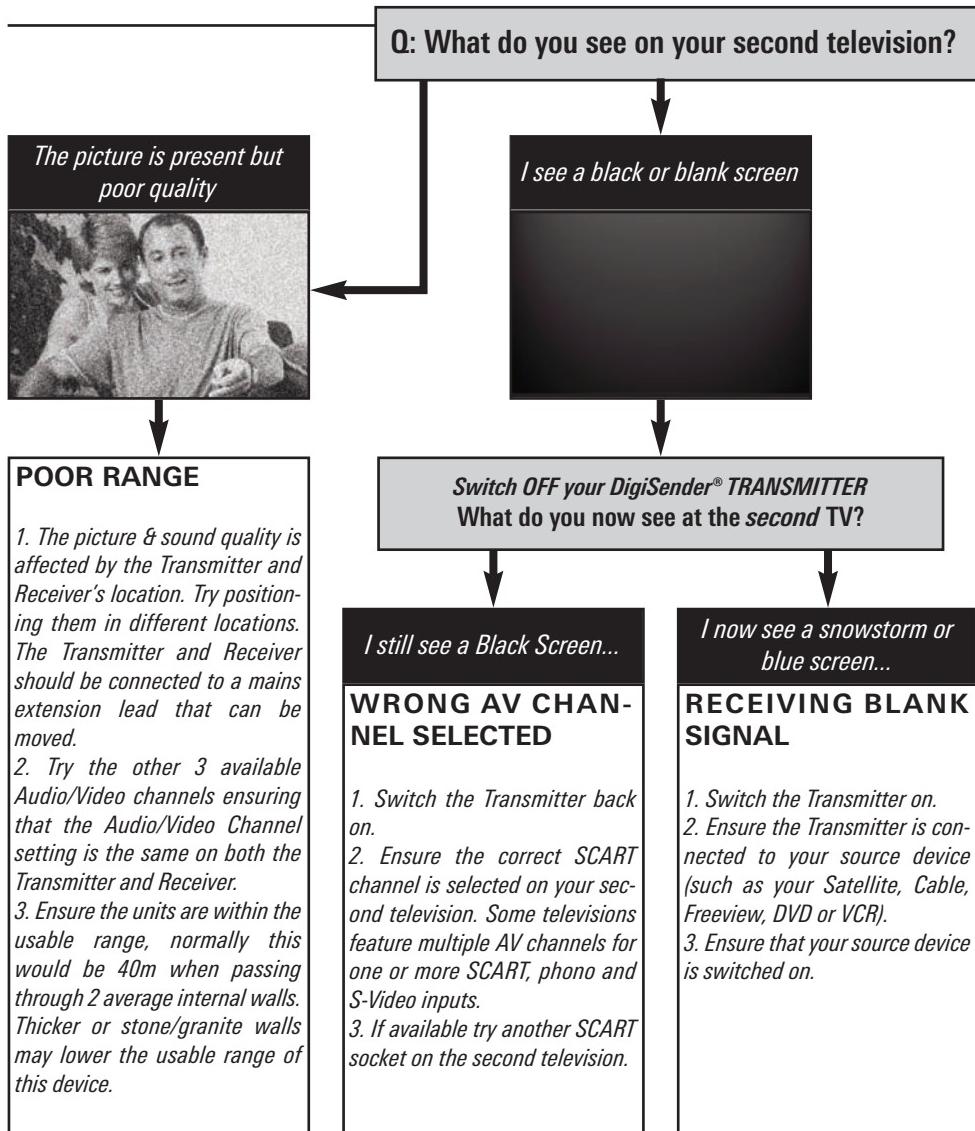
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### Additional Receiver - DX200-LCDRX

- Get your Satellite channels to additional TV's in your home!
- Add as many Receivers as you require to your DigiSender® system
- Connect to any SCART enabled TV or use with the MOD01PIS Aerial Converter
- Supplied with Power Supply Unit
- Requires existing DigiSender® Plug'n'Go™ LCD Transmitter

## Troubleshooting Picture Problems



**cont...**

**Switch OFF your DigiSender® RECEIVER.**  
**Q: What do you now see at the second TV?**

*I now see a Black screen*

#### **NOT RECEIVING SIGNAL**

1. Switch the DigiSender® Receiver back on.
2. Ensure the DigiSender® Transmitter is switched on.
3. Try the other 3 available Audio/Video channels ensuring that the Audio/Video Channel is set the same on both the Transmitter and Receiver.

*I still see a snowstorm or blue picture*

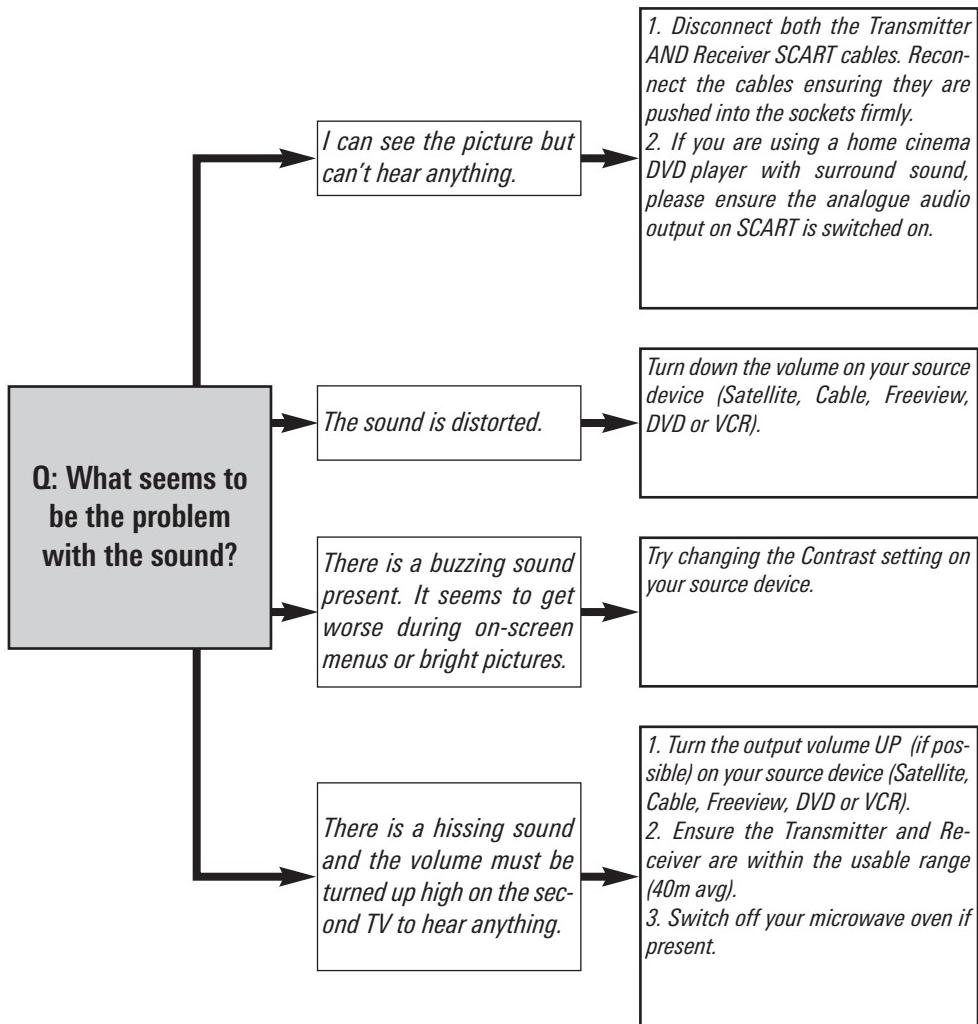
#### **WRONG TV CHANNEL SELECTED**

*This indicates that the correct SCART Channel has NOT been selected on the second television. Look for buttons on this television's remote control which could select the AV Channel such as EXT, AV, VIDEO, VCR, AUX, Channel 0 AND .*

#### **INTERFERENCE**

*This indicates one or more electrical devices are interfering with the DigiSender®. Make sure the Transmitter and Receiver are not directly on top of other electrical devices. Try all 4 Audio/Video Channels on your DigiSender® as one or more may still be available. Visit [digisender.net](http://digisender.net) or contact our helpline for information on configuring your equipment to work together.*

## Troubleshooting Audio Problems



## Troubleshooting Problems Controlling the Source Equipment

If you have any difficulty operating your source equipment remote control in your second room please follow the advice below:

1. Ensure you are using the correct remote control in the second room. For instance, if you are trying to control your Satellite Receiver you will need to use the Satellite remote control.
2. Ensure the IR Emitter is facing the IR Sensor on your source equipment.
3. Move the IR Emitter further away from the source equipment.
4. Move the DigiSender® Plug'n'Go™ LCD Transmitter AND Receiver further away from other electrical devices.
5. Try operating your source remote control closer to the IR Sensor.
6. Replace the batteries in your source remote control.

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## Technical Support

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AEI Security & Communications Ltd is dedicated to providing our customers with first class customer care and technical support.

During busy periods we would suggest using the web option to obtain support.

### **1. On the web...**

Free technical advice is available online 24/7 at our dedicated support web site:

**www.aei.eu**

### **2. By telephone...**

We have a dedicated helpline, open Monday to Friday, 10AM - 3PM.

*Please note that calls are charged at the local rate and your call may be recorded for training purposes.*

**01797 226 123**

**DECLARATON OF CONFORMITY**  
**01022007/01/DX-DG-DV**

We,

**AEI Security & Communications Ltd**  
Weslake Industrial Park, Harbour Road, Rye, East Sussex TN31 7TE, United Kingdom.

declare under our sole responsibility that the products referred to as DigiSender, XSender and PlugSender bearing the series codes prefixed:

**DXx, DGx, DVx** (*x refers to the specific model number*)

are in conformity with the essential requirements of Directive 1995/5/EC. These products have been tested against the following standards and specifications:

**Low Voltage Directive**

EN60950:2000

*Safety of information technology equipment*

**Electromagnetic Compatibility Directive**

EN 301 489-3 V1.3.1: 11-2001

*Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz*

EN 301 489-1 V1.3.1: 09-2001

*Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements*

**Radio spectrum**

EN 300 440-1 V1.1.1: 09-2001

*Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods*

**Power Supply**

EN55022: 2003

*Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement*

*Information technology equipment. Immunity characteristics. Limits and methods of measurement*

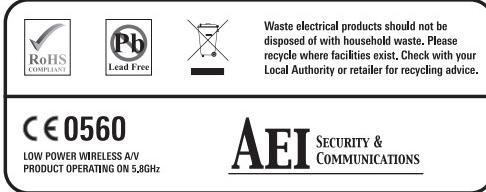
IEC 61000-3-2: 2001

*Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current <= 16 A per phase)*

IEC 61000-3-3:2001

*Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection*

The product is marked with the CE marking and Notified Body Number according to directive 1999/5/EC



NOTE: Original DoC has been signed

## SPECIFICATIONS

### DX2000-LCD Transmitter :

Remote Relay Receiver	433.92MHz
Audio/Video Frequency	5.7250GHz ~ 5.8750GHz
Modulation	FM
Video Input Level	1V PP/75Ω
Colour Video Input	Phase Alternate Line (PAL)
Audio Input Level	1.0v PP (Mod 1KHz, Dev 15KHz)
Audio Bandwidth	20Hz - 20KHz (-1dB)
Input Connectors	DigiConnector™ SCART
Power Source	240V AC

### DX2000-LCD Receiver :

Remote Relay Transmitter	433.92MHz
Audio/Video Frequency	5.7250GHz ~ 5.8750GHz
Modulation	FM
Video Output Level	1V PP/75Ω
Sensitivity	-90dBm
Audio Output Level	1.0V PP (Mod 1KHz, Dev 15KHz)
Audio Bandwidth	20Hz - 20KHz (-1dB)
Output Connectors	Euro SCART
Power Source	240V AC

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